

ABSTRACT

The invention is directed to a peel-type blind rivet assembly (110) for setting in relatively soft material and comprising an elongate tubular body (102) having a shank (106) with an enlarged head (108). A free end (114) of the shank, remote from the head (108), has an expandable portion formed by a plurality of slots (112) extending partway along the shank from this remote end (114). A mandrel (104) has a stem, and a mandrel head (126) with a maximum external diameter greater than the internal diameter of the body (102), wherein at least one of the plurality of slots (112) increases in width as it extends from an outer surface of the shank towards an inner surface of the shank.

There is also provided a punch (280) for forming the tapered slots (112) in the rivet body, comprising an elongate solid body having a polygonal cross section wherein at least one convergence zone formed on an end face of the punch by the tapering convergence of two adjacent side walls forms a slot cutting element (285).